

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-4. (canceled)

5. (currently amended) A moving carrier that sticks to ~~the~~ a surface of an object by use of negative pressure, comprising:

~~(a)~~ two sets of moving units, ~~wherein~~ each of the moving units ~~consisting of~~ including at least two sets of driving wheels;

~~(b)~~ each of the moving units being arranged on each of its right and left sides relative to its traveling direction;

~~(c)~~ each of the moving units being connected to a driving source;

~~(d)~~ one of the driving wheels being situated in ~~the~~ a vicinity of ~~the~~ a center of ~~the~~ a sticking force acting on the moving carrier;

~~(e)~~ another of the driving wheels being situated away from the center of the sticking force acting on the moving carrier; and

~~(f)~~ wherein the moving carrier can pivot at contact area as ~~the~~ a pivot axis,

~~(g)~~ at the contact area one of the driving wheels situated in the vicinity of the center of the sticking force being contacted with the surface,

~~(h)~~ ~~wherein~~ one of the moving units being driven and another moving units being not driven.

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6. (previously presented) The moving carrier that sticks to the surface of an object by use of negative pressure, described in claim 5 above;

additionally comprising a moving process that causes the moving carrier to make transverse movements in its traveling direction;

wherein actions of the moving carrier being repeated; each of the actions being comprised of a action that the moving carrier pivots at contact area as the pivot axis; at the contact area, one of the driving wheels situated in the vicinity of the center of the sticking force being contacted with the surface;

wherein one of the moving units being driven and another moving unit being not driven.

7. (currently amended) A moving carrier that sticks to ~~the~~ a surface of an object by use of negative pressure, comprising:

~~(a)~~ two sets of moving units, ~~wherein~~ each of the moving units ~~consisting of~~ including a caterpillar;

~~(b)~~ each of the moving units being arranged on each of its right and left sides relative to its traveling direction;

~~(c)~~ each of the moving units being connected to a driving source;

~~(d)~~ one end portion of the caterpillar being situated in ~~the~~ a vicinity of ~~the~~ a center of ~~the~~ a sticking force acting on the moving carrier;

~~(e)~~ another end portion of the caterpillar being situated away from the center of the sticking force acting on the moving carrier; and

~~(f)~~ wherein the moving carrier can pivot at a contact area as ~~the~~ a pivot axis,

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~~(g)~~ at the contact area the one end portion of the caterpillar situated in the vicinity of the center of the sticking force being contacted with the surface,

~~(h)~~ wherein one of the moving units being driven and another moving units being not driven.

8. (previously presented) The moving carrier that sticks to the surface of an object by use of negative pressure, described in claim 7 above; additionally comprising a moving process that causes the moving carrier to make transverse movements in its traveling direction;

wherein actions of the moving carrier being repeated; each of the actions being comprised of a action that the moving carrier pivots at contact area as the pivot axis; at the contact area, one end portion of the caterpillar situated in the vicinity of the center of the sticking force being contacted with the surface;

wherein one of the moving units being driven and another moving unit being not driven.

9. (new) A moving carrier for moving on a surface of an object while sticking thereto, comprising:

a case having an opening portion facing the surface for applying a sticking force relative to the surface, said opening portion having a substantial center point;

a first driving device situated on one side of the case relative to the opening portion for contacting with the surface at a first contact area away from the center point by a first distance;

a second driving device situated on an opposite side of the case relative to the opening portion for contacting with the

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surface at a second contact area away from the center point by a second distance greater than the first distance;

a first drive source for driving the first driving device;
and

a second drive source for driving the second driving device.

10. (new) The moving carrier according to claim 9, further comprising a hose coupler connected to the case so that a hose is connected to the hose coupler for applying the sticking force.

11. (new) The moving carrier according to claim 9, further comprising a third driving device situated on the one side of the case for contacting with the surface at a third contact area away from the center point by a third distance greater than the first distance; and a fourth driving device situated on the opposite side of the case relative to the opening portion for contacting with the surface at a fourth contact area away from the center point by a fourth distance smaller than the second distance.

12. (new) The moving carrier according to claim 11, wherein said first drive source is arranged to drive the third driving device, and said second drive source is arranged to drive the fourth driving device.

13. (new) The moving carrier according to claim 9, further comprising a frame attached to the case for supporting at least one of the first driving device and the second driving device.